END OF WAR MAY CHEAPEN AUTOS

Tremendous Cuts in the Costs of Materials to Be Expected.

What is to be the effect of the close of the European war on the American auto-

mobile industry? The story of the surpluses in cash being built up and the strong lines of credit being established by even the greatest auto makers appears to be the answer,

from one viewpoint.

Yet the headlong rate at which other manufacturers are building new shops to produce yet greater numbers of automobiles next year and the years thereafter appears to afford the better answer.

appears to afford the better answer.

If an error is made through a bad engineering guess the company can survive it and come forth stronger than ever—if its working was sincere and its materials good.

Demand for Materials.

When the war broke out there camb an alteration of circumstances. There was such a demand for all the materials mentioned for war munitions that auto manufacturers found themselves running hot-foot after the producers of materials. They have continued to this day. They have had to pay bonuses, advance cash and otherwise

bonuses, advance cash and otherwise go hard after enough materials to make up their cars.

At the end of the war, what?

Materials men have "taken it out" on the auto makers. Nearly every car has raised its price except a cer-tain few well favored with close finan-cial connections with the materials

It seems safe to predict a most ter-rific slashing of materials prices after the war. Money interests, of course, will seek to keep prices up to prevent depression, but no force can withstand the bear pressure of the auto men. It seems safe to predict a price cut-ting on automobiles such as heretofore has been unheard of.

Must Build Cheaply.

The manufacturer who can build most The manufacturer who can build mosti-cheaply will do the greatest business. Now is as good a time as any to sound a warning against a danger of diluted materials at that period. When seconds count it is easy to add a little gain with cheaper materials. No one dare do it now. It will be less dangerous during the heavy competition then. Concerns establishing strong credit now are doing so in order to be independent

are doing so in order to be independent when the war breaks. Those building as rapidly as surplus can be got together are doing so to meet the tremendous competition in cost reduction.

Conditions appear to forecast the big day of quantity production and high water mark business in concentrated points.

ELECTRIC APPARATUS WILL SAVE BIG SUM

The average motor truck owner will save, during 1916, about \$225 on every one of his motor trucks that is equipped with electric starting and lighting apparatus, according to H. C. Hart, truck sales manager of the Thomas B. Jeffery

Company.

Three years' study of motor truck operation in the city of Chicago disclosed the fact that the average machine covers about sixty miles a day in about five hours of actual running time. During the remaining five hours of each working day the motor is kept running from one to three hours while the truck is standing still. At the prevailing price of gasoline this means a loss of about 75 cents a day for the time the truck is not doing any useful work. Figuring 300 working days to a year, this loss amounts to \$25, or the interest on a capitalization of \$3,750 at 6

The new light Jeffery truck models are furnished with electric starting and light-ing apparatus as standard equipment, and even the famous Jeffery quad can be fit-ted with the Jeffery-Bijur 2-unit starting and lighting system at the nominal cost of \$100 extra. although this equipment is not considered quite as necessary on a heavy duty motor truck, where under average conditions longer runs are made.

OLD HAYNES CAR HAS HISTORY OF CRUSADER

'An old two-cylinder Havnes car, be longing to L. O. Robertson, Dullas, Tex., has a history that would do credit to a crusader. There is no way of telling how far it has run, since it has never had a speedometer on it. Mr. Robertson has forded rivers with the car, crossed mountain ranges, hunted antelopes on the plains on the eastern border of New Mexico, and pulled the fifty-mile stretch of sand dunes from Cap Rock on the east of the Staked Plains below Amarillo to Clarendon, in Donley County.

to Clarendon, in Donley County,
"On a mission to Plainwell in the
heart of the Staked Plains, the Haynes car followed the old cow trail that for-merly led to the plains proper and the buffalo range west of Roswell, N. M. "Near Guthrie, in the mountains of

Strange Auto Theft.

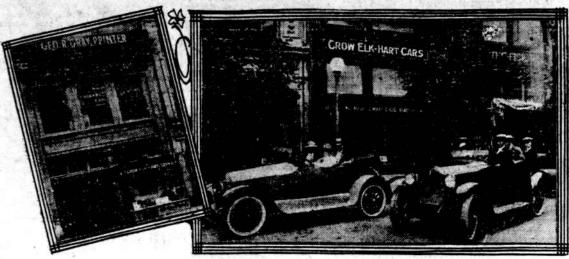
One of the strangest automobile thefts on record is that perpetrated by an unknown man who stole a Studebaker car belonging to H. A. Bosse, of Bisbie, Ariz., drove it to Milwaukee, Wis., bought gasoline, had it charged to Mr. Bosse and transfer of the carrier pigeons in the carrier pigeons and that the control of the carrier pigeons are the carrier pigeons and that the carrier pigeons are the carrier pigeons and that the carrier pigeons are the carrier pigeons and the carrier pigeons are the carrier pigeons.

are at your office.

adjustments made.

1323 H St. N. W.

SALES AND SERVICE COMBINED.



FRONT AND REAR VIEW of the home of the Crow Elk-Hart and Case cars with a car of each make on the street in front of the building. The Crow Motor Sales Co. are the local representatives.

NEXT DECADE TO SEE MORE ROADS

New President of A. A. A. Predicts Great Highway Expansion in Ten Years.

"Another ten years will see national road systems covering every section of the country—the greatest practical step in the direction of preparedness that could be made," comments Dr. H. M. Rowe, the newlý elected president of the American Automobile Association.

"In a decade we will begin to have separate roads for freight traffic and passenger traffic," predicts Dr. Rowe, "and the horse and mule will have practically disappeared. No other country on the face of the earth can make such good and profitable use of good roads as the United States of America. We will eventually excel in that as we do in many other things.
"But equal justice and fair treatment for the users of motor vehicles must con-

tinue to be sought for some time to come. Everything the motorists ask for, everything the American Automobile As-sociation and the clubs affillated with sociation and the clubs affiliated with it have worked for, has been based on these principles. We have worked for good roads for the reason that they are of equal economic benefit in the final analysis to all, and it is only just and right that the people of our country should have the advantages to which they are entitled. We have worked for un-restricted intercourse between the States restricted intercourse between the States through the use of motor cars, becaus that is a constitutional right that has been denied us. We have asked for equal taxation. That is another constitutional right that has been set aside, partly because we submitted to it willingly. I admit, but it is an injustice and constitutes unfair treatment just the

same.

"In addition, the owners of motor cars are being subjected to all sorts of petty annoyances: special taxes, licenses, and rules and regulations regarding trafic, use of light, and many restrictions seldom alike in two places, and which subject decent men and women to arrest and conviction, often for the most trivial reasons. There are many who leaks them. reasons. There are many who look upon an arrest of any kind as a disgrace, and when one is innocent of any inten-tional wrong, his arrest becomes a shameful disgrace, not only to him but upon the community which permits it

STARTS ENGINE 10,000 TIMES FOR ONLY \$2.50

made that will run immersed in water and the first square constructed battery ever put on the market.

The Cleveland Battery & Electric Company, 1974 East Sixty-sixth street, has

been incorporated in Ohio, and is manu-facturing the new battery in large quan-

car followed the old cow trail that formerly led to the plains proper and the buffalo range west of Roswell, N. M.

"Near Guthrie, in the mountains of King County, the old car crossed the Brazos River with water over the running boards. It pulled through the loose sand at the water's edge, but just at the top of the river bank, one of the drive chains broke.

"Two spans of mules were required to pull the motor car to a safe place, and here Mr. Robertson and his party were required to camp for two days, while the rautomobile and baggage dried out.

London, June 3.—Miss Temaine, of the Canadian medical service, who was the canadian medical service. Who was the marjest treatment in France, is the matron of a hospital for France, is the matron of a hospital for Canadian officers which was opened recently by Princess Louise, Duchess of Argyll, at 1 Hyde Park place.

The institution, which has been established under the auspices of the Daughters of the Empire. Will be maintained by the Canadian Red Cross. It has been splendidly equipped by Col. and Mrs. A. whom is president of the Daughters of the Empire. After the war the furniture will be handed over to the British Red Cross and transferred to the Star and Garter Hospital.

known man who stole a Studebaker car belonging to H. A. Bosse, of Bisble, Ariz, drove it to Milwaukee, Wis, bought gasoline, had it charged to Mr. Bosse and then disappeared.

French scientists have decided that carrier pigeons are influenced by magnetism and that with the growth of wireless telegraphy, much less dependence can be placed on them.

Phone M. 7089.

DOWNTOWN

GARAGE

Have your machine looked after during the day while you

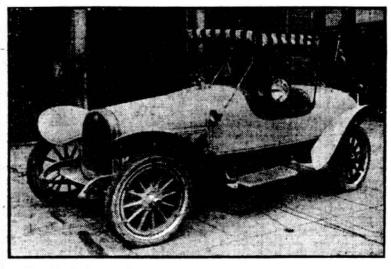
Have it washed and polished. Have needed repairs and

Repair department in charge of competent mechanics.

MINER & RICE

AGENCY DAVIS CARS.

NOT A BOAT—AN AUTOMOBILE.



Novel body built by R. McReynolds & Son for M. Slone, of Richmond, Va. It is on a Buick chassis.

REBUILDING OLD CARS MAXWELL FIRM GETS OFFERS GREAT FIELD

building Antiquated Machines to Look Like New.

field of rebuilding old cars to bring them up to the last minute in appear-

them up to the last minute in appearance. Big profits are already being made in some quarters.

J. Elmer Pratt, former sales manager of the Pierce-Arrow company of Buffalo, and about to embark in automobile manufacturing for himself, told of numerous cases, when in Detroit recently, that had come to his attention, where chassis of well-known cars of the highest grade have been fitted with new and up-to-date bodies throughout. The rebuilt car was so little changed from a brand new model of the company that the owners were more than pleased with their investment.

As a matter of fact, these reconstructed cars brought up to date might easily prova a contract of the constant of the constant and a touring car, the remainder being chassis for special commercial bodies.

Last year Kansas City, after he had made an investigation extending over a field of cars of various makes. He found the Maxwell bestadapted to the needs of the exacting municipal service, because of its durability, its dependability and its great ecognomy in operation.

Another factor that entered into the closing of the contract was the prompt delivery guaranteed by the Maxwell Company. A promise was made that the cars would all be turned over in three days, and this promise was fulfilled to the letter.

In the consignment are twenty-one runabouts and a touring car, the remainder being chassis for special commercial bodies.

Last year Kansas City used a number of might be turned over a field of cars of various makes. He found the Maxwell bears of various makes. He

As a matter of fact, these reconstructed cars brought up to date might easily prove an equal to the might easily prove an equal to the might easily prove as a equal to the might easily prove as a chassis has not times for \$2.50, and expects to become a millionaire doing it.

Palmer has invented a revolutionary type of dry battery called the Hywatt, which he claims will start a motor 10,000 service and be of far more value a few years after than would have been the case with the old body equipment.

As a matter of fact, these reconstructed cars brought up to date might easily prove an equal to the might easily prove an equal to the might easily prove are achastic has been abused the addition of up-to-date been abused to accomplication and the accomplication and the accomplication and the accomplication and the accomplication a few years after than would have been Palmer says it is the first battery ever the case with the old body equipment.

RACERS LIKE GRAPHITE.

cating Products.

the same indorsement.

BIG MUNICIPAL ORDER

Opportunity for Money-making in Re- Kansas City Contracts for Twentyseven Cars Through William C. Weaver.

There is a field opening at the The Maxwell Motor Company closed present time which will provide an contract last week with the municipal opportunity for money-making and government of Kansas City for twenty which will assist in taking care of seven new motor cars. The order was the demand for cars. This is the placed by William C. Weaver, purchasing field of rebuilding old cars to bring agent for Kansas City, after he had made

He wisely concluded that the use of Max-well cars for the city service would cut down the municipal gasoline bill to an appreciable degree.

Speed Cracks Indorse Dixon's Lubri- A DIFFERENT MAKE OF TIRE FOR EVERY CAR

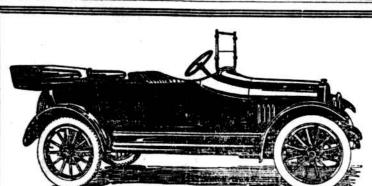
been incorporated in Ohio, and is manufacturing the new battery in large quantities.

"The fact that it is waterproof and guaranteed to last twice as long as a round battery, has caused an unusual semand for it." said Ralston Fox Smith, manufacturing specialist and secretary of the concern.

HOSPITAL FOR CANADIANS.

London, June 3—Miss Temaine, of the Canadian medical service, who was the nurse in attendance on the King when his majesty returned home after his accident in France, is the matron of a hospital for Canadian officers which was opened recently by Princess Louise. Duchess of

strained carcass.



The Dort \$695.00

Let us give you a ride in it-write, telephone or call at our showms, 1405 H street northwest, and set the day and hour.

Miller Bros. Auto and Supply Co.

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1916 PULLMAN **DELIVERY A HIT**

normal load capacity is 1,000 pounds, fill-ing all the requirements of a hundred different forms of businces. An important mechanical advance, usually found only on cars of much high-

usually found only on cars of much high-er price, is the independent magneto sys-tem of the Dixie water-proof, high-ten-sion type, wholly independent of the starting and lighting system.

The motor of the light delivery car is of the four-cylinder, 32 h. p., cast en bloc, 32-4-inch bore and 41-4-inch stroke, with enclosed valves. The Stromberg carbureter is used, thermo-syphon cool-ing system and Pulman honeycomb radi-stor. It is a left-hand drive car, with ator. It is a left-hand drive car, with center control, with emergency brake lever forward of center and out of the way. A 91-4-gallon gasoline tank is carled in the cowl.

Two standard bodies are provided, the car complete with the express type body at \$750 and the panel type body at \$775.

Rich Mixture Helps. Starting of motor will be facilitated if carbureter mixture is enriched at start-ing. Don't blame the self-starter if you fail to do this or if you try to start motor on magneto instead of battery. This ap-plies specially where the self-starter does not throw the motor over fast.

Pull Out With Straw. When the driving wheels get into mud too deep and so slippery that traction cannot be maintained, it is good practice o throw straw and small branches into the mud to thicken it and partly lessen its lubricating qualities.

MITCHELL FIRM HAS FUEL TEST

do they cover the same ground under the

an auxiliary tank that holds just two quarts. They fill this in the presence of the prospective customer and then take him to the outskirts of the city, cut off the main fuel supply and use this auxiliary tank, with the customer driving. Their records show the general average obtained from this test to be twenty miles to the gallon in the country and seventeen in the city.

Latest Model Expected to Duplicate Success of This Season's Pleasure Car.

Encouraged by the success which attended the introduction of the 1915 pleasure car model the Pullman Motor Car Company has just made formal announcement of the completion of plans for the production of the Pullman light delivery car, embodying the many features of the touring car, combined with the latest improvements in light truck construction.

The Pullman light delivery car is brought out on a special chassis, sturdy for maximum loads but light enough for plenty of snap and ample speed. The wheel base, 114 inches, is exceptionally floring for a delivery car of its class. The normal load capacity is 1,000 pounds, filling all the requirements of a hundred different forms of businces.

An important mechanical sadvance, usually found only on cars of much high-normal load capacity is 1,000 pounds, filling all the requirements of a hundred different forms of businces.

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Robert H. Ramsey, of Germantown,
The Mitchell Automobile Company, of
Chicago have solved the question of determining the miles per sailon that can be
gotten from a Mitchell car. They have
taken a demonstrator and fitted it with

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